

**DECISION ANALYSIS SYSTEM AND METHOD****ABSTRACT OF THE DISCLOSURE**

**[0092]** A decision analysis system includes a decision group and a model base communicably connected to the decision group. The model base includes models representing multi-criteria decision analysis and Bayesian analysis techniques. Upon receiving a decision task, the decision group organizes the decision analysis process for the decision task by identifying decision analysis components. The decision group selects one or more appropriate models from the model base for each decision analysis component.